

KRYLOV, P.A.; POMEROVSKIY, P.I.; YERZINA, Z.K., red.; ANDREYEV, G.G.,
[redacted] red.

[Manual on work norms, pay systems, awards, and labor protection for workers, employees, and specialists of state farms, horse studs and other enterprises under the Ministry of State Farms of the U.S.S.R.] Spravochnik o normakh vyrabotki, poriadke oplaty truda, premirovani i okhrane truda rabochikh, slushashchikh i spetsialistov sovkhozov, konnykh zavodov i drugikh khoziaistv sistemy M-va sovkhozov SSSR. Moskva. Pt.1. 1957. 234 p. (MIRA 12:9)

1. Russia (1923- U.S.S.R.) Ministerstvo sovkhozov.
(State farms) (Wages)

KRYLOV, Petr Alekseyevich; YERZINA, Z.K., red.; LOGINOVA, Ye.I., tekhn. red.

[Progressive forms of organization of work and its pay on state farms] Progressivnye formy organizatsii truda i oplata ego v sovkhosakh. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1958. 62 p.
(State farms) (Pages) (MIRA 11:10)

KRYLOV, Petr Aleksandrovich, Laureat Gosudarstvennoy premii; KATSEVICH,
L.S., red.; LARIONOV, G.Ye., tekhn. red.

[Electric salt furnaces and baths]Elektricheskio solianye pe-
chi i vannы. Moskva, Gosenergoizdat, 1962. 103 p. (Biblio-
teka elektrotormista, no.11) (MIRA 15:9)
(Electric furnaces) (Alloys)

KRYLOV, P.A.

19829 KRYLOV, P. A.

Okolosolnechnyye oreoly v razlichnykh vozlushnykh massakh. Trudy Hauch.-issled. in-ta
zemnogo magnetizma. Vy p.4, 1949, s. 45-53

SO: LETOPIS ZHURNAL STATEY - No., 27, Moskva, 1949

KRYLOV, P. A.

USSR/Geophysics.- Solar Corona

Mar/Apr 52

"Solar Coronas Observable at High Altitudes,"
P.A. Krylov, Res Inst of Terrestrial Magnetism

"Iz Ak Nauk SSSR, Ser Geofiz" No 2, pp 81-84

Reports the results of photography of solar coronas at high altitudes during 10 aircraft cruises. Krylov concludes that at an altitude beyond the troposphere solar coronas exist and their intensity varies strongly from day to day. Received 21 Jun 51.

216T81

KRYLOV, P. A.

USSR/Meteorology - Volga Region

Sep/Oct 52

"Problem of Dry Winds in Volga Region," P. A. Krylov,
Combined Sci Expedition in Field-Protecting Afforest-
ation, Acad Sci USSR

"In Ak Nauk SSSR, Ser Fiz" No 5, pp 76-85

Describes results of actinometric measurements, per-
formed during the summer of 1951 in the Caspian region.
Results show that strong absorption of solar radiation
should be ascribed to dust in the atm. Comparison of
these deductions with other meteorological data a per-
mit explanation of the mechanism of dry winds. Received
17 Mar 52.

226784

USSR/Geophysics - Actinometry

77-2898

Card 1/1 Pub. 45 - 9/11

Author : Krylov, P. A.

Title : Michelson actinometer as an absolute instrument

Periodical : Izv. AN SSSR, Ser. geofiz., Nov-Dec 1955, 552-556

Abstract : The author gives the historical background of the Michelson actinometer. He states that according to experimental indications the Michelson actinometer reconstructed into an absolute actinometer preserves completely its outstanding qualities and that all the quantities needed for computing the conversion multiplier can be determined with great accuracy for each model of the instrument. He claims that such an instrument should be called a bimetallic pyrheliometer, and that comparison of its readings with the readings of pyrheliometers (compensation and water-jet types) should be one of the stages in its further development. Ten references: e.g. V. G. Fesenkov, "Certain considerations on the optical properties of the atmosphere, Astron. zhur., No 4, 1945.

Institution : Institute of Forestry, Academy of Sciences USSR

Submitted : January 5, 1954

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826830001-3

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826830001-3"

AUTHOR: Krylov, P. A.

49-10-5/10

TITLE: On work relating to the solar constant. (Iz rabot po solnechnoy postoyannoy).

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya, 1957, No.10, pp.1249-1261 (USSR) + 1 plate.

ABSTRACT: This is essentially a review paper quoting predominantly non-Russian, particularly American, sources. The author concludes that until the value of the solar constant is measured from points beyond the limits of the Earth's atmosphere, or at least in the very high layers of the atmosphere, it can be assumed that the most reliable value of the solar constant is $1.940 \text{ cal/cm}^2/\text{min}$. There are 3 tables, 4 figures and 18 references, 6 of which are Slavic.

SUBMITTED: April 24, 1956.

AVAILABLE: Library of Congress

Card 1/1

83858

S/049/60/000/007/003/003
E032/E514

9.4171 also 3002

AUTHOR: Krylov, P. A. ✓
TITLE: Bimetallic Pyrheliometer 12E
PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya geofizicheskaya,
1960, No.7, pp.1086-1090

TEXT: The present paper reports a modification of V. A. Mikhel'son's actinometer (Refs.1,5). The modification consists in the replacement of the single bimetallic receiver strip by a composite one consisting of two such strips (see Fig.1). A list of numerical characteristics of a group of such pyrheliometers is given in addition to a very detailed discussion of the errors involved. One of these pyrheliometers was compared with an Angstrom pyrheliometer and the discrepancy between the conversion factors for the two instruments was found to be approximately 0.3%. The actual values were 0.02125 cal/cm².min and 0.02131 cal/cm².min. It is suggested that a large scale comparison of the bimetallic pyrheliometer with Swedish and American instruments would be very desirable. There are 3 figures and 5 references: 4 Soviet (1 a translation from English) and 1 English.
Card 1/2

83858

S/049/60/000/007/003/003
E032/E514

Bimetallic Pyrheliometer

ASSOCIATION: Akademiya nauk SSSR Sibirskoye otdeleniye
Institut lesa i drevesiny
(Academy of Sciences USSR, Siberian Branch of
the Institute of Forestry and Timber)

SUBMITTED: August 5, 1959

Card 2/2

KRYLOV, P.A.

Conversion factor of a bimetallic actinometer. Izv. AN SSSR. Ser.
geofiz. no.12:1882-1886 D '61. (MIRA 14:12)
(Actinometer)

KRYLOV, P.A.; OSHMYAGO, V.P.

Characteristics of the design of deep salt baths. Metalloved. 1
term. obr. met. no.9:18-20 S '64. (MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrotermi-
cheskogo oborudovaniya.

KRYLOV, P.D.

Modernization of carding machines. Tekst.prom. 18 no.12:50-51
(MIRA 11:12)
D '58.

1.Zaveduyushchiy pryadil'nyy proizvodstvo Shuyako-Tezinskoy fabriki.
(Carding machines)

NIKOLAYEV, S.I., red.; SALUKVADZE, V.S., red.; ANDRIANOV, K.I., red.; VASIL'YEV, A.Ye., red.; ZHIKHAREVA, G.P., red.; KRYLOV, P.I., red.; KSHONDZER, G.L., red.; KHRAMIKHIN, P.G., red. [deceased]; CHEREMISINOV, M.M., red. Prinsipali uchastiye: ANUCHKIN, M.P., red.; GRIGOR'YEVA, M.B., red.; ZHUKOV, V.I., red.; KALYUZHENYI, N.G., red.; KAMERSHTEYN, A.G., red.; KOZLOVSKAYA, A.A., red.; LAVROVA, N.P., red.; NUSOV, G.I., red.; FAL'KEVICH, A.S., red.; YERSHOV, P.R., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

[Safety regulations for constructing steel pipelines] Pravila tekhniki bezopasnosti pri stroitel'stve magistral'nykh stal'nykh truboprovodov. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960. (MIRA 13:9) 235 p.

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gazovoy promyshlennosti.
2. Vsesoyuznyy nauchno-issledovatel'skiy institut tverdykh splavov (for Anuchkin, Grigor'yeva, Zhukov, Kalyushnyy, Kamershteyn, Kozlovskaya, Lavrova, Nusov, Fal'kevich) (Pipelines) (Industrial safety)

KRYLOV, P.I., inzh.

Accident prevention when laying pipelines into a trench. Stroi.
truboprov. 8 no.3:21 Mr '63. (MIRA 16:5)
(Pipelines---Safety measures)

KRYLOV, P.I.; RYVKIN, G.M.

Repair of equipment. TSement 28 no.4:5-6 J1-Ag '62. (MIRA 15:7)

1. "Rizhtsemremont" Latviyskogo soveta narodnogo khozyaystva.
(Cement plants) (Repairing)

KAYLOV, P.I., inzh.; POLOZKOVA, V.V., ved. red.

[Safety measures in cleaning, insulating, and laying pipelines] Tekhnika bezopasnosti pri ochistke, izoliatsii i opuskanii truboprovodov. Moskva, Izd-vo "Nedra," 1964. 46 p. (MIRA 17:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu magistral'nykh truboprovodov.

163.3

.S2

Protypovitryana Oborona; Posibnyk Dlya Instruktoriv PPO DTSAAF (Antiaircraft Defense; Manual for Instructors in Antiaircraft Defense in the All-Union Volunteer Society for Cooperation with the Army, Air Force and Navy, Ry) I. I. Savyts'kyi (I) P. M. Kyrylov. Kyiv, Derzhtekhdiv URSR, 1953.

214 P. Illus., Tables.

Translated from the Russian.

KRYLOV, P.M.

Displacement of a tooth root from the maxillary sinus into the nasal cavity. Vest. oto-rin. 18 no.1:67 Ja-F '56. (MIRA 9:6)

1. Iz bol'nichno-poliklinicheskogo ob'yedineniya no.2 g. Tambova.
(NOSE--FOREIGN BODIES) (TEETH--ABNORMALITIES AND DEFORMITIES)

KRYLOV, P.M.

Temporary total loss of the sense of taste following removal of a polyp from the ear. Vest.oto-rin. 19 no.3:110-111 My-Je '57.

(MIRA 10:10)

1. Iz bol'nichno-poliklinicheskogo ob'yedineniya No.2 Tambova.
(EAR--SURGERY) (TASTE)

~~KRYLOV, P. M.~~

Anesthesia by means of electrophoresis of novocaine for
cauterization of the tonsils. Vest.oto-rin. 19 no.6:96 M-D '57
(MIRA 11:3)

1. iz bol'nichno-poliklinicheskogo ob'yedineniya No.2 Tambova.
(CAUTERY) (ELECTROPHORESIS) (LOCAL ANESTHESIA)

KRYLOV, P.M.

Otalgia in disease of the mandibular joint [with summary in English]
Vest.oto.-rin. 20 no.4:44-66 J1-Ag '58 (MIRA 11:7)

1. Iz bol'nicheno-poliklinicheskogo ob'yedineniya No.2 g. Tambova.
(MANDIBLE, dis.
mandibular joint dis. causing otalgia (Rus))
(EAR, dis.
otalgia caused by mandibular joint dis. (Rus))

KRYLOV, P.M.

Organization of the work of a chronic therapy section in the ear,
throat, and nose polyclinic. Zdrav.Ros.Feder. 3 no.8:15 Ag '59.
(MIRA 12:11)

1. Is bol'nichno-poliklinicheskogo ob'yedineniya No.2 v Tambove
(glavnyy vrach F.T.Sharapov).
(OTORHINOLARYNGOLOGY)

KRYLOV, P.M.

E.Kh.Ikavits, distinguished Tambov physician, scientist, and public figure of the second half of the nineteenth century.
Zdrav. Ros. Feder. 4 no.12:33-34 D '60. (MIRA 13:12)

1. Iz bol'nichno-poliklinicheskogo ob'yedineniya No.2 Tambova
(glavnyy vrach F.I. Sharapov).
(IKAVITS, EDUARD KHRISTIANOVICH, 1831-1889)

KRYLOV, P. M. (Tambov)

From the history of Tambov Medical society; on the 325th anniversary of Tambov, Zdrav. Ros. Feder. 6 no.8:27-30 Ag '62.
(MIRA 15:7)

(TAMBOV---MEDICAL SOCIETIES)

ROZET, G.I., dotsent; ALKHAN-KEMAL, G., vrach-metodist; KITSIS, G.N.;
KRYLOV, P.M.

Letters to the editor. Zdrav.Ros.Feder. 6 no.11:35-37 N '62.
(MIRA 15:12)

1. Zaveduyushchiy kabinetom ucheta i meditsinskoy statistiki
Orgeyevskoy rayonnoy bol'nitsy Moldavskoy SSR (for Kitsis).
(PUBLIC HEALTH) (VISHNEVSKII, PETR STEPANOVICH)

KRILOV, P.N. [Krylov, P.N.], kandidatus

Long-range planning of raising the standard of living and tasks of statistical analysis. Stat szemle 40 no.12:1257-1261 D '62.

1. A Szovjetunio Allami Nepszadasagi Tanacsa Kozgazdasagtudomanyi Intezetenek osztalyvezetoje.

KRYLOV, P.N., prof.; SENGIEVSKAYA, L.P.; SHISHKIN, Boris
Konstantinovich, red.; MORDVINOVA, L.G., tekhn. red.

[Flora of Western Siberia; a manual for the identification of West Siberian plants] Flora Zapadnoi Sibiri; rukovodstvo k opredeleniiu zapadno-sibirskikh rastenii. Tomsk, Izd-vo Tomskogo univ. Vol.12.(dopolnitel'nyi) Pt.1. 1961. [3071]-3255 pp. (MIRA 16:10)

1. Chlen-korrespondent AN SSSR (for Shishkin).
(Siberia, Western--Botany)

KRYLOV, F.

Europe, Eastern - Economic Policy

Planning the national economy in the people's democracies of Europe. Plan.khoz. No. 4,
1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1957, Uncl.
2

KRYLOV, P. and GLUSKER, B.

"The System of National Economic Plan Indexes," Planovoye Khozyaystvo, No. 5,
pp 76-86, 1954, Moscow.

Translation No 395, 4 May 55

Krylov, P.N.
KOVAL', Nikolay Stepanovich, kand.ekon.nauk, dots.; KRYLOV, P.N., dots.,
kand.ekon.nauk, otvetstvennyy red.; KUBOVSKAYA, S.N., red.

[State planning for agricultural production in the Soviet Union;
educational manual for correspondence students of the All-Union
Correspondence Institute of Economics] Gosudarstvennoe planirovanie
sel'skokhoziaistvennogo proizvodstva v SSSR; uchebnoe posobie dlia
studentov-saochnikov VZNI. Moskva, Vses. saochnyi ekon. in-t,
1957. 70 p. (MIRA 11:3)
(Agricultural policy)

CHERTKO, V.P.; IOFFE, Ya.A.; OBOLENSKIY, K.P.; KRYLOV, P.N.; KUDROV, V.M.; SAM-
BORSKIY, G.I.; KOSTAKOV, V.G.; LITVIYAKOV, P.P.; MURQMTSEV, M.N.; BERRI,
L.Ya.; YAKOBI, A.A.; BELOUSOV, R.A.; BOGOMOLOV, O.T.; POKATAYEV, Yu.N.;
ZAGLADINA, S.M.; SOBAKINSKIY, V.I.; NIKOLAYEV, D.N., red.; PONOMAREVA,
A.A., tekhn. red.

[United States is losing the economic competition] SSHA proigryvaet
ekonomicheskoe sorevnovanie. Moskva, Izd-vo ekon. lit-ry, 1961.
295 p. (MIRA 14:8)

1. Moscow. Nauchno-issledovatel'skiy ekonomicheskii institut. 2. Sotrud-
niki Nauchno-issledovatel'skogo ekonomicheskogo instituta Gosekonom-
soвета SSSR (for all except : Nikolayev, Ponomareva)
(United States—Economic conditions)
(Russia—Economic conditions)

BELOUSOV, R.A., kand. ekonom. nauk; KRYLOV, P.N., kand. ekonom. nauk;
LEMESHEV, M.Ya., kand. sel'khoz. nauk; IVANOV, Ye.A., nauchnyy
sotr.; KOSTAKOV, V.G., kand. ekonom. nauk; BOGOMOLOV, O.T.,
kand. ekonom. nauk; YEFIMOV, A.N., prof., doktor ekonom. nauk,
red.; KOMINA, Ye., red.; KOROLEVA, A., mladshiy red.; ULANOVA, L.,
tekhn. red.

[Economy of the U.S.S.R. in the postwar period; concise economic
survey] Ekonomika SSSR v poslevoennyi period; kratkii ekonomiche-
skii obzor. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 486 p.
(MIRA 15:2)

1. Nauchno-issledovatel'skiy ekonomicheskiy institut Gosudarstven-
nogo ekonomicheskogo soveta SSSR (for Belousov, Krylov, Lemeshev,
Ivanov, Kostakov, Bogomolov). 2. Direktor Nauchno-issledovatel'sko-
go ekonomicheskogo instituta Gosudarstvennogo ekonomicheskogo soveta
SSSR (for Yefimov).

(Russia--Economic conditions)

KATS, V.I., doktor ekon. nauk; KIRICHENKO, V.N., kand. ekon. nauk;
IVANOV, Ye.A.; SAID-GALIYEV, K.G.; LUK'YANOV, E.B.; MUSATOVA,
V.A.; PLYSHEVSKIY, B.P., kand. ekon. nauk; STOMAKHIN, V.I.;
KARPUKHIN, D.N., kand. ekon. nauk; KIRICHENKO, N.Ya.;
ZHIDKOVA, M.V., kand. ekon. nauk; ANCHISHKIN, A.I.; KLINSKIY,
A.I., kand. ekon. nauk; SOLOV'YEV, N.S.; KLOTSVOG, F.N.;
VSYAKIKH, E.P.; LAGUTIN, N.S., kand.ekon. nauk; LEMESHEV, M.Ya.,
kand. sel'khoz.nauk; KORMNOV, Yu.F., kand. ekon. nauk; SAVIN,
V.A.; TEREKHOV, V.F.; KUDROV, V.M., kand. ekon. nauk; AL'TER,
L.B., doktor ekon. nauk, red.; KRYLOV, P.N., kand. ekon. nauk;
LEPINKOVA, Ye., red.; KOKOSHKINA, I., mladshiy red.; ULANOVA, L.,
tekhn. red.

[Growth of the social product and the proportions of the
national economy of the U.S.S.R.] Rost obshchestvennogo pro-
izvodstva i propotsii narodnogo khoziaistva SSSR. Moskva,
1962. 453 p. (MIRA 16:2)

(Russia—Economic policy)

KRYLOV, I.N.; MAYYER, V.F.; ZHIDKOVA, M.V.; LAGUTIN, N.S.; KOROVKIN,
O.N.; KIRICHENKO, N.Ya.; AGABAB'YAN, E.M.; KUZ'MINA, Ye.I.;
GALYNSKIY, V.T.; SKRYLEVA, V.N.; GLYAZER, L.S., red.;
RYABOVA, Ye.A., red.; GERASIMOVA, Ye.S., tekhn. red.

[Planning national consumption in the U.S.S.R.; current
problems] Planirovanie narodnogo potrebleniya v SSSR; sov-
remennyye problemy. Pod red. V.F.Maiera i P.N.Krylova. Mo-
skva, Izd-vo "Ekonomika," 1964. 134 p. (MIRA 17:1)

1. Moscow. Nauchno-issledovatel'skiy ekonomicheskii institut.

RYBALTOVSKIY, N.Yu.; PONIKAROVSKIY, G.M.; DROFNYEV, I.T.; ANASHKIN,
I.A., redaktor; KRYLOV, P.S., redaktor; KOHOVALOVA, Ye.K.; tekhnicheskiiy redaktor

[Fundamentals of navigations] Osnovy korablevozhdeniya. Moskva,
Voen. izd-vo Ministerstva oborony Soiuza SSR, 1954. 167 p.
(Navigation--Study and teaching) (MLRA 8:7)

BARANOVSKAYA, I.A.; KRYLOV, P.S.; PAVLYUK, L.V.

Taxonomic list of the species and genera of plant nematodes
described in 1962-1963. Trudy Gel'm. lab. 16:5-16 '65.
(MIRA 19:2)

ERYUSHKOVA, P.I.; KRYLOV, P.S.

Experiments in eliminating the potato rot nematode. Trudy Sel'm.
lab. 16:24-26 '65.
(MIRA 19:2)

CHUPRIKOV, Mikhail Konstantinovich, kapitan pervogo ranga; KRYLOV, Pavel Sergeyevich, kapitan pervogo ranga; ONISHCHENKO, Yevgeniy Yakovlevich, kapitan pervogo ranga; POPOV, Georgiy Ivanovich, inzh., kapitan vtorogo ranga; PRONICHKIN, A.P., red.; TARSKIY, Yu.S., kapitan vtorogo ranga, red.; SRIENIS, N.V., tekhn. red.

[Reference book for a watch officer] Spravochnik vakhten-
nogo ofitsera. [By] M.K.Chuprikov i dr. Moskva, Voenizdat,
1963. 384 p.
(MIRA 17:2)

KRYLOV, P.Ye., inzhener.

Device for winding electric gauges. Sel'khozmaschina no.6:3 of cover Je '54.
(Gauges) (MIRA 7:6)

KRYLOV, R.

The fourth year of the seven-year plan. Stroitel' 8
no.2:1-2 F '62. (MIRA 16:2)

1. Nachal'nik otдела Gosplana SSSR.
(Construction industry)

KRYLOV, R.M.

Krylov, R.M. "Replacing a roof over a large-scale working shop," *Byulleten' stroit. tekhniki*, 1948, No. 23, p.12-16

SO: U-2888, *Letopis Zhurnal'nykh Statey*, No. 1, 1949

KRYLOV, R.M., inzhener.

On improving the structure and reducing the staffs of construction
organisations. Stroi.prom. 34 no.3:40-44 Mr '56. (MLRA 9:6)
(Construction industry)

KRYLOV, R.M.

Construction of industrial plants in 1961. Prom. stroi. 39
no. 1:2-4 '61. (MIRA 14:1)
(Factories—Design and construction)

KRYLOV, R.M.

Industrial construction in 1963. Prom. stroi. 41 no.2:2-3
F '63. (MIRA 16:3)

(Construction industry)
(Industrial plants)

KRYLOV, R.N.

Some problems of improving capital investments planning in industrial
construction. Prom. stroi. 40 no.2:1-4 '62. (MIRA 15:7)
(Capital investments)

RAKEMANOVA, P.I.; ALMAZOVA, V.V.; MARKOVICH, N.Ya.; KRYLOV, R.S.

System of successive stages in the testing of repellents and
their justification. Med.paras.i paras.bol. 29 no.2:216-219
'60. (MIRA 13:12)
(INSECT BAITs AND REPELLENTS)

KRYLOV, S., starshiy nauchnyy sotrudnik

Design a sowing machine for sowing in winter. Izobr.1 rats. no.4:
34-35 Ap '60. (MIRA 17:6)

1. Sel'skokhozyaystvennaya akademiya imeni K.A.Timiryazeva.
(Sowing)

KRYLOV, S.

Secondary school trains builders. Sel'.stoi. 13 no.12:23
D '58. (MIRA 12:1)

1. Nachal'nik Yermishinskogo rayonnogo otдела po stroitel'-
stvu v kolkhozakh Ryazanskoy oblasti.
(Yermish--Building trades--Study and teaching)

KRYLOV, S.

Will there be a "universal draught?" IUn.tekh. 7 no.4:37-39
Ap '63. (MIRA 16:4)

(Water)

KRYLOV, S.A.; BAGDASAROV, Sh.B.

Crumbling process of cement samples under local compression.

Trudy MORI 34:17-21 '59.

(MIRA 13:12)

(Cement--Testing)

ACC NR: A70013491

UR/0120/66/000/002/0045/0048

AUTHOR: Dayon, M.I.; Klimanova, I.P.; Knyazev, V.M. Krylov, S.A.

ORG: Physical Institute, AN SSSR, Moscow (Fizicheskiy institut, AN SSSR)

TITLE: On spark chambers possessing a large memory

SOURCE: Priory i tekhnika eksperimenta, no. 2, 1966, 45-48

TOPIC TAGS: cosmic ray, cosmic ray telescope, cosmic ray burst, cosmic ray chamber, cosmic ray spark chamber, cosmic ray chamber memory

ABSTRACT: The paper discusses air-argon cosmic ray telescope chambers activated by delayed spark discharges controlled by multiple Geiger counters via coincidence and delay circuitry. The chamber has been improved by the introduction of 2 - 3 dielectric layers (2 mm thick glass plates) and ethyl alcohol vapor (air 25%, Argon 70%, alcohol 5%). Aluminum foil electrodes were spaced 5 - 7 mm apart, and the chamber was initiated by 12 - 14 kv impulses with a controllable delay from 2 microseconds to 2 milliseconds. Bright sparks, situated near the particle trajectory depicted the passage. The dielectric layers uncoupled the individual passages of the chamber. The dependence of spark trajectory localization precision is discussed. A histogram of trajectory deviation from a straight line is given. Besides the air/argon chamber filling, the oxygen/argon/ethyl alcohol mixture was studied as to its effects on the precision of trajectory tracing and on chamber memory. It was found that memory and precision are determi-

Card 1/2

UDC: 539.1.073

ACC NR: AP6013491

ned by the oxygen content, that is the memory and precision remain essentially the same at a given oxygen content in the working mixture. A theory of chamber effectiveness in the registration of single particles, with particular regard to the influence of high voltage impulse delay was developed & discussed in conjunction with experimental results. It is concluded that the negative ions which initiate the spark discharge are located in a small region adjacent to the negative electrode. Effectiveness in the spark registration of multiple particle trajectories decreased with the increase of delay time. The introduction of dielectric layers markedly increased the effectiveness of the chamber in shower registration. The authors thank A.I. Alikhanyan for his attention to this work and S.S. Kulikova and V.A. Mishchenkov for a substantial assistance in this effort. Orig. art. has: 5 figures, 3 formulas and 1 table.

SUB CODE: 17,18 /

SUBM DATE: 25Feb65 /

ORIG REF: 004 /

OTH REF: 002

Card 2/2

NAGORNYI, A.I., kand. tekhn. nauk; BORONIN, P.I., inzh.; KRYLOV, S.A., inzh.

First plant in Kazakhstan processing loess-type loam. Stroi. mat.
10 no.10:35-36 O '64. (MIRA 18:2)

"APPROVED FOR RELEASE: 06/14/2000

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ARTIY, S

B

(Sergay Borisovich)

Mezhdunarodno-pravovoye regulirovaniye radiosvyazi i radiove-shchaniya.
(internationally established regulation of radio communication and radio broadcasting)
Moskva, Svyaz'edat, 1950.

370 p.

Book deals with internationally established regulation of radio and its development and international struggle for hegemony in the field of radio communications and broadcasting. Author discusses new problems of the "so called international-administrative law. . ."

LARIN, V. ~~KRYLOV~~ S. B., professor, doktor yuridicheskikh nauk, otvetstvennyy
redaktor; AVILIN, V.M., redaktor; SHCHEDRINA, N.L., tekhnicheskii
redaktor

[International Atomic Energy Agency] Mezhdunarodnoe aginstvo po
atomnoi energii. Moskva, Gos.isd-vo iurid.lit-ry, 1957. 97 p.
(Atomic power--International control) (MLRA 10:9)

LINDENBRATEN, V.D.; KRYLOV, S.D.

Effect of tonic drugs and adaptive hormones on the thermal
resistance of white mice. Trudy Khab. med. inst. 23 no.2:
73-74 '62 (MIRA 16:12)

1. Iz kafedry patologicheskoy fiziologii (zav. - dotsent
V.D. Lindenbraten) Khabarovskogo meditsinskogo instituta.

CA

Analytical method of calculating the theoretical number of plates in a distillation column. S. F. Krylov (Sverdlovsk Ind. Inst., Sverdlovsk). *Zhur. Priklad. Khim.* (J. Applied Chem.) 21, 680-8 (1948).—An equation, analogous to that by Harbert (C.A. 40, 774^o), has been derived for calculating the no. of plates under any given conditions of operation; it is applicable to all binary mixts. which follow the Raoult law. It is also possible to use this equation for calcg. the theoretical plates during absorption of a low-boiling component from vapor phase by rebus. Sample calcs. are given. S. Z. Kamich

USSR!

✓ Selection of solvents to the distillation of aqueous solutions of acetic acid. V. N. Kozlov and S. P. Krylov. Appl. Chem. U.S.S.R. 26, 749-50 (1953) (Transl.)
—See C.A. 48, 45904. H. L. H.

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826830001-3

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826830001-3"

Distillation of weak solutions of acetic acid in the presence
of an entraining liquid. V. N. Kozlov and N. V. Kuznetsov.
Trudy Inst. Khim. i Mekh. Akad. Nauk S.S.S.R., Chem.
Fiziol. 1955, No. 2, 25-39; cf. Othmer, C.A. 35, 6505.
Concn. of a weak dehydrated and deacetylated soln. of H₂OAc
obtained during destructive distn. of wood is successfully
carried out by the azeotropic method, the entraining liquid
being Me₂CO, Me, BuOAc, C₂H₅Cl, etc. Math. formulas
pertinent to this process are derived. R. H.

(2)

SUBJECT: USSR/New Scientific Center in Siberia

25-6-1/46

AUTHOR: Krylov, S.

TITLE: New Horizons (Novyye gorizonty)

PERIODICAL: Nauka i Zhizn' - June 1957, # 6, pp 1-2 (USSR)

ABSTRACT: The USSR is at present the second largest industrial producer in the world. Its aim is to reach and surpass the the technical and economic achievements of all other countries. In connection with the new control system over industrial production and construction recently outlined by N.S. Khrushchev, the Communist Party had initiated open discussions on the ways and means of making the most rapid progress. In order to build up new industries and exploit natural resources, it was suggested that new research installations should be established all over the vast eastern territory with a large scientific center in Siberia. Thus a closer co-operation between science and the new industrial bases would be assured. Professors have hailed this idea with enthusiasm and expressed their readiness to settle down in Siberia, where their skill and experience is mostly needed.

Card 1/2

TITLE: New Horizons (Novyye gorizonty)

25-6-1/46

ASSOCIATION:

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress

Card 2/2

AUTHOR:

Krylov, S.

25-8-39/42

TITLE:

"Science and Life" (Nauka i Zhittya)

PERIODICAL:

Nauka i Zhizn', 1957, # 8, pp 61-62 (USSR)

ABSTRACT:

The purpose of the journal, "Nauka i Zhittya", organ of the Society for the Propagation of Political and Scientific Knowledge of the Ukrainian SSR, is to inform the broad masses of recent technical and scientific achievements and at the same time to outline the cultural life of the Republic. The publication of articles written by leading scientists, such as A.V. Palladin, President of the Ukrainian Academy of Sciences, insures the high standard of this journal, which has been published now for the last seven years. During this time, its quality has been improved with regard to the choice of articles and authors. Nevertheless, there is still a series of insufficiencies to be found in the published articles, such as a lack of convincing arguments with regard to religious questions, or an insufficiency in the description of important discoveries. As far as the illustrations and the cover are concerned, too much uniformity is quite obvious. A more ingenious

Card 1/2

25-8-39/42

"Science and Life"

presentation of the journal would be welcomed.
There is one photograph.

AVAILABLE: Library of Congress

Card 2/2

AUTHOR: Krylov, S. 25-10-4/41

TITLE: The Voice of Scientists all over the World (Golos uchenykh vsego mira)

PERIODICAL: Nauka i Zhizn', 1957, # 10, pp 9-10 (USSR)

ABSTRACT: The increasing number of atomic explosions represents a grave danger for all human beings, especially the fallout of strontium-90 which comes down to the earth together with precipitations and has a negative effect on the biosphere. The Soviet scientist and oncologist N.N. Petrov proved the destructive influence of radioactive elements on the organism by experiments with animals. The physicist Frederic Joliot-Curie claims that if nuclear tests are not stopped in the near future the percentage of strontium in human organism will be such that malignant tumors, leucocytosis and other dangerous diseases will be wide-spread. Scientists of international reputation warned against these disastrous consequences, for instance, 2,200 American scientists protested against the atomic arms race and the policy pursued by their Administration.

Card 1/2 Recently, scientists of ten nations met in Paguoshe, Canada. The purpose of this conference was, according to a

The Voice of Scientists all over the World

25-10-4/41

member of the Russian delegation, Academician A.V. Topchiyev not only the joint appeal to ban nuclear weapons but at the same time to find a common formula to bring about an easing of tension all over the world. A permanent committee was established with the aim of coordinating the efforts of all scientists to prevent a new war and to join their forces for a peaceful use of atomic energy.

AVAILABLE: Library of Congress

Card 2/2

KRYLOV, S.G.; ANISIMOV, A.V., red.; GOLICHENKOVA, A.A., tekhn.red.

[Labor and technology in the seven-year plan] Trud i tekhnika
v semiletke. Moskva, Izd-vo VTsSPS Profizdat, 1960, 365 p.
(MIRA 13:7)

(Efficiency, Industrial)

(Automation)

(S/025/60/001/04/048/061
D048/D002

AUTHOR: Krylov, S.

TITLE: A Book on the Seven Year Plan

PERIODICAL: Nauka i zhizn', 1960, Nr 4, pp 74-75 (USSR)

ABSTRACT: The author reviews the book "Velikye semiletiye" (The Great Seven Year Plan) written by Yu. Moralevich and published by the "Gospolitizdat" Publishing House, in 1959. There is 1 photograph and 1 Soviet reference.

Card 1/1

KRYLOV, S.

"Czechoslovakia in 1960" exhibition, Nauka i zhizn' 27 no.7:40-
43 J1 '60. (MIRA 13:7)
(Moscow--Exhibitions) (Czechoslovakia--Technology)

ACC NR: AP6030726

(N)

SOURCE CODE: UR/0050/66/000/008/0042/0045

AUTHOR: Krylov, S. I.

ORG: none

TITLE: Frequency spectrum of short-period fluctuations of sea-water temperature

SOURCE: Meteorologiya i gidrologiya, no. 8, 1966, 42-45

TOPIC TAGS: temperature ^{measurement} ~~oscillation~~, platinum resistance thermometer, temperature gradient, oscillation period, active water layer, *Ocean temperature / Baltic Sea*

ABSTRACT: During 1963 and 1964 temperature-oscillation observations in the Baltic Sea were performed with platinum resistance thermometers which were dipped on fifteen horizontal levels in a layer of the chosen thickness at a distance of 2 km from the shore. Temperature oscillations were recorded automatically on the shore. The amplitude of temperature oscillations was great; for instance, one day at a depth of 13 m the amplitude was 2.6C in a period of 3.5 min, and at a depth of 5 m the amplitude was 2.3C in a period 3.0. These samples related to a period when the temperature gradients at a fixed point were 1.0—1.5C per meter. The temperature oscillation period is the most stable parameter, which, for the most part, lasts three minutes. The increase of temperature gradient is associated with a decrease of the oscillation period. A table in the original article shows the comparison of oscillation periods in the Baltic Sea with those of the California coast. The period of

Card 1/2

UDC: 551.463.6

ACC NR: AP6030726

oscillation in the Norewegian Sea was found to be 20 min which indicates that the deep water far from shore the oscillation period increases. Analysis of oscillation of short periods makes it possible to conclude that 1) the active layer of the sea water has no regular short-period temperature oscillations; 2) short-period temperature oscillations occur when the layer of temperature jump exists; 3) the oscillation period depends upon the temperature gradient. Orig. art. has: 3 figures, 2 tables, and 4 formulas.

SUB CODE: 08/ SUBM DATE: 29Nov65/ ORIG REF: 005/ OTH REF: 003

Card 2/2

KRYLOV, S. I.

25337. K voprosu o primeneni filatovskogo stalya k praktike liter. Arhiv Kolotovsk.
ros. storitel. inta-, vyp. 8, 1949, s. 161-67

SO: Letovsk' zhurnal'nykh Statey, Vol. 39, Moskva, 1949

ВЫСЫ, 5. 7.

29338. K voprosu ob otnosheniakh sovetskoy verkhney cheljusti. Trudy
Molotovsk. gos. stomatol. in-ta, vyp. 8, 1949, s. 169-80

SO: Letopis' zhurnal'nykh Statey, Vol. 39, Moskva, 1949

KRYLOV, S. K.

Elektrifikatsiia Kirovskoi zheleznoi dorogi. [Electrification of Kirov railroad].
(Elektrifikatsiia zhel-dor. transporta, 1935, no. 4-5, p. 27-29, illus.).
DLC: TF701.F27

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Referecne Department, Washington, 1952, Unclassified.

TATOSOV, A.K.; PETROV, N.I.; KRYLOV, S.K., redaktor

[Experience in constructing pontoon railroad bridges] Opyt postroi-
ki naplavnykh shelesnodorozhnykh mostov. Moskva, Gos. transp.shel-dor.
izd-vo, 1945. 60 p. (MIRA 10:1)
(Pontoon bridges) (Railroad bridges)

KRYLOV, S.K., redaktor.

[Semiautomatic block systems and mechanical signalling; manual for electricians and construction men] Rukovodstvo elektromekhaniku i monteru poluavtomaticheskoi blokirovki i mekhanicheskoi tsentralizatsii. Iss. 3-e. Moskva, Gos.transp.zhel-dor. izd-vo, 1952. 379 p. (MLRA 7:3)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya.
(Railroads--Signalling--Block system)

KRYLOV, S. K.

Medel', V. B.
Shlikhto, P. N.
Zakharchenko, D. D.
Tikhmenev, B. N.
Trakhtman, L. M.
Zorokhovich, A. Ye.
Krylov, S. K.

"Electric Railroad Rolling Stock" (textbook, 3 vols)

Moscow Electromechanical
Institute of Railroad
Engineers imeni
F. K. Dzerzhinskiy

KRYLOV, S.K.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr. 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Krylov, S. K.	"Rolling Stock of Electric Railroads " (text book, 3 vcl)	Moscow Electromechanical Institute of Railroad Engineers imeni F. E. Dzerzhinskiy

80: W-30604, 7 July 1954

KRYLOV, S.K., redaktor; VERINA, G.P., tekhnicheskii redaktor.

[Instructions for signaling on railroad lines of the U.S.S.R.]
Instruktsiia po signalisatsii na zheleznykh dorogakh Soiuza SSR.
Moskva, Gos. transp. zhel-dor. izd-vo, 1955. 164 p. (MLRA 8:11)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya.
(Railroads--Signaling)

KRYLOV, S. S.
VICHERNYIN, A. Ye.; GUL'EV, Ya. F.; DACHUK, L. Ya.; DROBINSKIY, V. A.; KRYLOV,
S. K.; SHADUR, L. A.; SHILOVSKIY, V. A.; CHERNYSHEV, V. I., redaktor;
VERINA, G. P., tekhnicheskiy redaktor

[Railroad fundamentals] Osnovy zheleznodorozhnogo dela. Moskva,
Gos. tranap. zhel-dor. izd-vo, 1955. 400 p. (MLRA 9:3)
(Railroads)

KRYLOV, S.K.

Literature for railroad construction engineers. Transp.stroi. 6
no.4, 31-32 Ap '56. (MLRA 9:8)

1. Zamestitel' glavnogo redaktora Transzheldorizdata.
(Railroad engineering)

ZOROKHOVICH, Aleksandr Yefimovich; ~~KRYLOV, Sargay Kononovich~~; GUTKIN, L.V.,
kandidat tekhnicheskikh nauk, redaktor; VERINA, O.P., tekhnicheskiy
redaktor

[Principles of electric engineering for locomotive brigades] Osnovy
elektrotekhniki dlia lokomotivnykh brigad. Moskva, Gos.transp.
shel-dor. izd-vo, 1957. 453 p. (MLM 10:2)
(Electric engineering) (Locomotives)

ZORUCHOVICH, Aleksandr Yefimovich; KRYLOV, Sergey Kononovich; SIDOROV,
N.I., inzh., red.; KHITROV, P.A., tekhn.red.

[Fundamentals of electric engineering for locomotive crews]
Osnovy elektrotekhniki dlia lokomotivnykh brigad. Izd.2., perer.
Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-vs putei soobshcheniia,
1960. 453 p. (MIRA 14:2)
(Electric engineering) (Locomotives)

KRYLOV, Sergey Mikhaylovich; KAPLUNOV, A.S., red.; RAKITIN, I.T., tekhn.
red.

[Increase the awareness of people about the danger of war] Povy-
shat' bitel'nost' narofov v otnoshenii voennoi opasnosti.
Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po
rasprostraneniu politicheskikh i nauchnykh znanii. Ser.1, Istoriia,
no.16)

(MIRA 14:9)

(War)

KRYLOV, S.M.; UTENKO, N.P.

Supporting elements for grab cranes with flangeless running wheels. Prom. stroi. 40 [i.e. 41] no.6:41-43 Je '63.

(MIRA 16:10)

1. Lenpromstroyproyekt (for Krylov). 2. Gosudarstvennyy vsesoyuznyy institut po proyektirovaniyu i nauchno-issledovatel'skim rabotam tsementnoy promyshlennosti (for Utenko).

MENUSHENKOV, P.P.; KHASIN, G.A.; VACHUGOV, G.A.; KRYLOV, S.M.; Prinimali uchastiye:
KOLYASHNIKOVA, R.I.; POCHKOVSKIY, R.A.; ANTROPOV, O.F.

Improving the macrostructure and reducing nonmetallic inclusions in the
electric slag refining of alloyed steel. Stal' 23 no.12:1110-1112 D
'63. (MIRA 17:2)

1. Zlatoustovskiy metallurgicheskiy zavod.

1. KRYLOV, G.M., SUTALIN, YE.I.
2. USSR (600)
4. Cement Industries
7. Most advantageous Height of cement factory warehouse bulkheads
TSement / No. 1, 1952
18
Inzh.
9. Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

KRYLOV, S. M., Eng.; SHITAKH, Ye. L.

Cement Industries

Bulkheads of the mixing shed of cement plants. TSement 19, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

KRYLOV, S.M., inzhener; SHTAMM, Ye.L., kandidat tekhnicheskikh nauk

The building of horizontal 25m. diameter tanks with the use of
sliding forms. TSement 21 no.2:20-22 Mr-Ap '55. (MLRA 8:8)
(Concrete construction)

KOROVIN, N.N., inzhener; KRYLOV, S.M., kandidat tekhnicheskikh nauk

An investigation of the joints of precast reinforced concrete
elements of building frames. Stroi.prom.33 no.6:33-36 Ja'55.
(Precast concrete construction) (MLRA 8:10)

97 - 1 - 5/10

AUTHOR: Gurskiy, A.F., Engineer, and Krylov, S.M., Candidate of Technical Science.

TITLE: Joints of Assembled Reinforced Concrete Columns Without Coupling Plates for Industrial Constructions. (Styki sbornyykh zhelezobetonnykh kolonn bez tsentriruyushchikh prokladok dlya promyshlennogo stroitel'stva.)

PERIODICAL: Beton i zhelezobeton, 1957, No. 1, pp. 19-23, (U.S.S.R.)

ABSTRACT: The method devised by engineer A.F. Gurskiy in simplifying connections with precast columns for multistorey structures omits steel coupling plates and bolts. It relies on the direct contact of the concrete surfaces (with or without steel collars.) This method is more suitable for columns with large cross sections. Different variations of this method were developed: 1) A joint without coupling plates constructed to transmit the pressure directly from concrete to concrete to counteract bending moments. Connection is provided by extended corner reinforcing bars which are welded together. In the factories the column is cast in a horizontal position, simultaneously for all the required number of floors.

Card 1/3

97 - 1 - 5/10

TITLE: Joints of Assembled Reinforced Concrete Columns Without Coupling Plates for Industrial Constructions. (Styki sbornykh zhelezobetonnykh kolonn bez tsentriruyushchikh prokladok dlya promyshlennogo stroitel'stva.)

Steel plates are inserted in the joints (10 - 12 mm thick) which are removed with the casing. Method 2) A steel base plate is welded to a sleeve which in turn is welded to the main reinforcement. Columns are joined by welding the sleeve of one column to the base plate of the second column. Method 3) The reinforcement is inserted into the casing (including the steel plates) after which the concreting of all beams proceeds simultaneously. The metal plates are removed after 12 - 24 hours. The joint is obtained by welding the sleeves together. The secondary reinforcement was calculated according to A.P. Kuznetsov's formula.

УННУЕ carried out tests on the above joints. Concrete grade 200 and steels T-1 to T-5 were used. Test conditions and excentrical loading tests were given. The joints made according to the above method proved to be as strong as those which were cast monolithically. It is possible to form joints at any selected column height. Calculation of construction was possible on the base of monolithic frame structures, omitting the effects of the joints. The method

Card 2/3

97 - 1 - 5/10

TITLE: Joints of Assembled Reinforced Concrete Columns Without Coupling Plates for Industrial Constructions. (Styki sborrykh zhelezobetonnykh kolonn bez tsentriruyushchikh prokladok dlya promyshlennogo stroitel'stva.)

simplifies the process of jointing as well as that of assembly. The process can be carried out in any type of weather because of the elimination of the wet processes. It can be applied to any type of construction, e.g. beams, arches, frames, etc.

There are 4 sets of diagrams, 2 photographs, 2 graphs and 2 tables.

ASSOCIATION: ---

PRESENTED BY: ---

SUBMITTED: ---

AVAILABLE: Library of Congress

Card 3/3

KRYLOV S. M.

97-57-9-4/17

AUTHORS: Gurskiy, A. F. (Engineer) and Krylov, S. M. (Candidate of Technical Sciences)

TITLE: The Rigidity and Strength of Joints of Pre-cast Reinforced Concrete Columns. (O zhestkosti i prochnosti stykov sbornykh zhelezobetonnykh kolonn).

PERIODICAL: Beton i Zhelezobeton, 1967, Nr.9. pp.351-355 (USSR).

ABSTRACT: According to investigations carried out by the Academy of Architecture of USSR, the joints of pre-cast reinforced concrete columns with central pads, and also joints grouted in cement, tend to settle. V. N. Gornov, Candidate of Technical Science, in an article entitled "Investigations into the Rigidity and Strength of Industrially Manufactured Housing Units" (Ref.1), concluded that settling of such joints amounts to 0.85-2 mm under superimposed load, and in the moment of breaking to 1.7-4 mm. N. V. Morozov and B. N. Zivadivker, Candidates of Technical Science (Ref.2) state that pre-cast reinforced concrete columns jointed by high quality cement, when under superimposed load show compression of 0.9-2 mm, and during breaking load 1.7-4 mm. Calculations are given for defining the bending moment of a frame, at a joint, and Fig.1 shows the effect of the

Card 1/6